MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE

DOMINION OF CANADA

APRIL 1933

TEMPERATURE

The average temperature of the month was nearly normal on the coast of British Columbia, over the northern part of the grain-belt in Saskatchewan, most of northern Ontario and the Ottawa valley, the east coast of New Brunswick and a part of Nova Scotia.

The largest deficiency occured in Alberta, northeastern British Columbia, part of south-western Manitoba, and the region of Churchhill on Hudson Bay, where the month averaged three to four degrees, or more, colder than a normal April.

There was an excess of two degrees, or more, in parts of southern Ontario, part of Quebec, and locally in western New Brunswick, Prince Edward and Cape Breton Islands.

A warm wave, which did not quite reach a record for the date, moved eastward from British Columbia to the Great Lakes between the 20th and 24th, in the rear of an anticyclone. It was preceded by unusual warmth on the 18th, from Winnipeg to the Lake of the Woods.

PRECIPITATION

In British Columbia there was a general deficiency except on the northern coast and in the northern interior.

Over the greater part of Alberta the total precipitation was either normal or in excess of the normal total. South of Edmonton to the border there were some areas which received twice or three times the usual amount.

In Saskatchewan the southern and eastern portions of the grain-area had an excess, in some places twice the normal amount, or more, falling. The central portion of the wheat-plains did not do quite so well, some points reporting less than three-quarters of the normal amount. In the region of Battleford there was an excess as far as Waseca, while in the vicinity of the Cypress Hills there was a small area with deficient rainfall.

In central-southern Manitoba there was an excess, and elsewhere in that province a deficiency of 20 to 30 per cent.

Over northern Ontario from the Lake of the Woods to Lake Temiskaming, where the normal amount for April is approximately one inch and three-quarters, amounts from one inch and one-half to four inches were reported. From Lake Huron eastward to New Brunswick, the general April total is about two inches and one-half. Most of this region reported more than three inches, and considerable areas more than four inches.

There was a region of deficient precipitation south and west of Lake St. John in Quebec.

In the region of the Gulf of the St. Lawrence there was an area of moderately deficient precipitation which extended into Prince Edward Island and parts of Nova Scotia.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month; Column Sg denotes depth of snow on ground in inches where given.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Atlin			0.1		32°	Nanaimo	68°	31°	0.5	240		Salmon Arm	72°	24°	0.3	198	
Prince Rupert	56°	29°	7.4	95	42°	Courtenay			1.0			Greenwood	71°	20°	0.3		
Estevan Point			4.5		45°	Vancouver	70°	32°	0.5	223	49°	Kaslo	70°	26°	0.1		43°
Sooke	65°	28°	0.7			New Westminster	74°	33°	0.6			Cranbrook	73°	20°	0.1		
Port Alberni	76°	29°	1.6			White Rock	69°	33°	0.4			Windermere	72°	23°	0.3	223	
Victoria	63°	36°	0.3	254	48°	Penticton	78°	25°	0.1			Golden	72°	15°	1.0		
Goldstream Lake			0.5			Summerland	77°	26°	0.2	244		Glacier	60°	8°	0.3		
Shawnigan Lake	70°	27°	0.2			Vernon	74°	23°	0 1	241		Field	66°	11°	0.6		
Duncan	75°	25°	0.1			Kamloops	75°	26°	0.2	248	48°	Prince George	76°	12°	1.2	186	40°
Cowichan Bay	68°	30°	0.6														

ALBERTA

STATION	H	L	P	I	Tm	Sg.	STATION	H	L	P	I	Tm	Sg.
Fairview	60°	8°	0.7	193	32°		Strathmore	70°	10°	2.0		36°	
Beaverlodge	60°	9°	1.1	234	33°		Calgary	65°	10°	2.2	191	35°	
High Prairie	71°	8°	0.6		37°		Vulcan			1.8			
Grouard	63°	3°	0.3		40°		Lethbridge	72°	5°	2.5	199	38°	
Kinuso	60°	5°	0.8		35°		Macleod	74°	8°	1.8		40°	
Slave Lake	66°	9°	0.4		35°		Coleman			1.9			
Peace River	74°	6°	0.5		38°		Cowley			3.1			
Entrance	69°	10°	0 9		36°		Exshaw	64°	9°	3.8		40°	
Wabamun			0.5				Pincher Creek	70°	8°	2.4		37°	
Edmonton	69°	14°	0.7	252	39°		Winnifred			2.0			
Ranfurly	63°	6°	1.1	216	34°		Seven Persons			1.7			
Wetaskiwin	66°	14°	1.1		38°		Medicine Hat			1.3	145	41°	
Stettler	65°	11°	0.9		39°		Coronation	70°	6°	2.4		38°	
Olds	65°	13°	1.6	188	40°		Pemukan			1.1			
Hillsdown	68°	13°	0.9		38°								

SASKATCHEWAN

St. Walburg	67°	8°	0.8		32°		Assiniboia	72°	16°	0.9		38°	
Battleford	75°	17°	1.3		38°		Shaunavon	71°	13°	1.0		38°	
Prongua			1.1				Lidgett			2.3			
Lloydminster	70°	10°	0.9		36°		Maple Creek	72°	15°	1.1		39°	
Waseca	65°	10°	1 1		36°		Nashlyn	72°	2°	0.8		38°	
Macklin	68°	14°	0.9		37°		Climax			1.5			
Scott	71°	16°	0.9	191	36°		Leader	76°	14°	0.5		39°	
Rosthern	73°	17°	0.5	223	36°		Pennant	74°	16°	0.6		39°	
Saskatoon	77°	18°	0.6		36°		Chaplin	72°	16°	0 9		38°	
Prince Albert	73°	12°	0.4		38°		Surprise			1.3			
Brooksby	71°	7°	0.2		34°		Wapashoe			1.3			
Muenster	70°	13°	0.9		34°		Caron	75°	13°	0.7		38°	
Dana	60°	10°	0.3		35°		Gravelbourg	72°	16°	0.3		38°	
Biggar	66°	16°	0.6		39°		Strongfield			0.6			
Harris	76°	8°	0.5		36°		Francis	70°	13°	1.4		36°	
Dundurn	75°	17°	0.5		38°		Midale	69°	8°	1.5		38°	
Outlook	77°	18°	0.2		39°		Yellow Grass	70°	18°	1.3		37°	
Tugaske	74°	6°	0.0		32°		Goodwater			0.8			
Rosetown	77°	10°	0.4		36°		Ceylon			2.1			
Marquis			0.6				Carlyle	73°	9°	1.1		35°	
Davidson	74°	13°	0 5		37°		Indian Head	71°	10°	1.5	146	35°	
Nokomis	73°	15°	0.6		36°		Whitewood	74°	10°	1.2		34°	
Ft. Qu'Appelle	72°	9°	1.2		37°		Lumsden	74°	12°	0.7		40°	
Qu'Appelle	69°	8°	2.1	210	35°		Yorkton	69°	13°	0.9		35°	
Regina	74°	15°	0.8		36°		Kamsack	69°	15°	0.5		37°	
Moose Jaw	73°	14°	1.0	198	38°		Grenfell	68°	11°	1.6		36°	
Swift Current	75°	16°	1.1	172	39°		Lintlaw	68°	10°	1.1		33°	
Aneroid	70°	14°	1.0		39°								

MANITOBA

Cypress River	71°	9°	2.0		36°	0	Emerson	76°	14°	0.7			0
Russell	66°	10°					Graysville	71°	11°	0.3			0
Birtle	70°	9°	0.9				Morden	73°	15°	0.7	225		0
Minnedosa	70°	13°	0.6		35°		(Experimental Farm)						
Brandon	73°	10°	1.4			0	Morden	73°	15°	0.9		38°	
Pierson	74°	4°	0.9				Morris	75°	20°	0 0			0
Waskada	73°	5°	2.4				Sprague	70°	11°	0.9			
Treesbank	74°	11°	2.0				Winnipeg	72°	14°		225	37°	
Treherne	70°	10°	1.5				Great Falls	66°	16°	0.8			
Pilot Mound			1.5			0	Pinawa	70°	13°	0.6		34°	
Portage la Prairie	68°	11°	0.7				Dauphin	73°	14°	0.8			
Virden	74°	12°	0.8				Le Pas	68°	10°	0.7		32°	0

ONTARIO

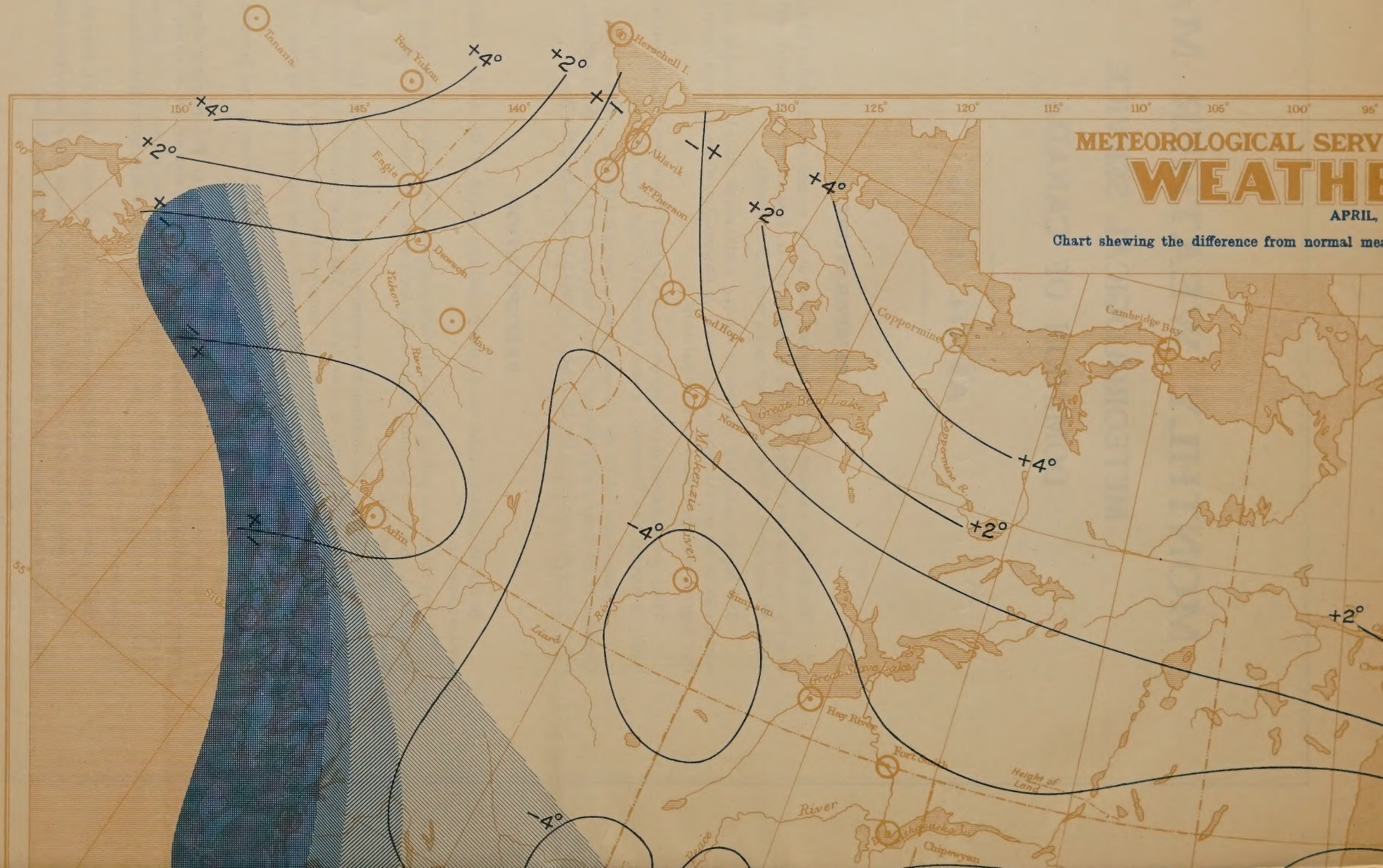
STATION	H	L	P	I	Tm	Sg.	STATION	H	L	P	I	Tm	Sg.
Kenora	72°	15°	0.6										
Sioux Lookout			2.1		33°		Mount Forest	68°	20°	1.3	187	42°	0
Quorn	69°	0°	1.9			0	Barrie	72°	19°	2.7	132	42°	
Atikokan	71°	7°	2.1				Beeton	69°	22°	2.6		45°	0
Mine Centre	72°	11°	1.6				Alton	68°	20°	4.0		42°	
Ignace	71°	9°	1.6				London	70°	24°	3.6		44°	
Port Arthur	75°	19°	2.4		36°		Woodstock	70°	25°	0.9	137	42°	
Abitibi Canyon	68°	11°	1.5				Brucefield	70°	23°	2.3			
Kapuskasing	66°	14°	3.2				Paris	72°	25°	2.3		46°	0
Timmins	67°	12°	1.9				Simcoe	71°	21°	2.9		46°	0
Cochrane	70°	13°	3.5	121	34°	0	Chatham	71°	27°	2.5			
Haileybury	62°	17°	2.6	124	37°	0	Harrow	64°	22°	1.5	165	46°	
Ruel	76°	11°	1.4		36°		St. Catharines	80°	26°	1.7			
White River			2.6		32°		Toronto	70°	27°	2.6	161	45°	0
Sault Ste. Marie	71°	19°	2.6				Bloomfield	68°	19°	3.4			
Biscotasing	68°	12°	2.5				Peterboro'	76°	22°	2.2			0
Montreal River	69°	15°	3.0				Kingston	72°	28°	3.9	160	44°	0
North Bay	67°	18°	2.0				Brockville	79°	23°	4.5	173	50°	
Providence Bay	63°	23°	2.6				Morrisburg	72°	22°	4.3			
Parry Sound	72°	22°	4.4		42°	0	Ottawa	76°	24°	3.1	189	42°	
Southampton	70°	25°	2.8		42°		Ottawa (Exp.Farm)	71°	24°	4.0	158	42°	
Lucknow	70°	21°	2.6				Renfrew	72°	20°	3.6		38°	0
Beatrice	73°	19°	4.1		40°		Pembroke	71°	22°	2.6		43°	0
Walkerton	70°	22°	2.0		45°		Kemptville	72°	24°	3.3			

QUEBEC

Cedars	67°	23°	3.7		41°		St. Joachim	60°	15°	2.3	134	38°	0
Macdonald College	67°	24°	3.8		41°	0	Donnacona	57°	22°	3.7		39°	
Montréal	67°	26°	4.0	128	42°		Québec	62°	20°	4.0	103	38°	T
Farnham	72°	17°	5.2	144	42°		Cap Rouge	63°	18°	2.9	83	37°	
Brome	78°	19°	5.2		40°	0	Ste. Anne de la Pocatiére	65°	29°	1.1	114	43°	0
Lennoxville	79°	18°	5.4	136	40°		Roberval	58°	14°	0.7		36°	
Sherbrooke	78°	20°	4.8	138	41°		Albanel	56°	10°	2.5	143		
Beauceville	68°	16°	5.6		39°	0	La Ferme	65°	9°	4.4	120	34°	
Sorel	66°	26°	4.5		40°		Abitibi	63°	12°	1.6		33°	
Lake Mégantic	70°	15°	3.2		38°	0	Doucet	64°	7°	3.4	96	34°	4
Drummondville	75°	15°	4.9		38°		Sanmaur	62°	5°	2.5	90	34°	T
Nicolet	65°	24°	3.8		39°		Dolbeau			3.0		36°	
St. Gabriel de Brandon	65°	10°	3.4				Father Point			5.2		35°	10
Joliette	67°	22°	4.9				St. Paul Island			1.5		33°	
Huberdeau	66°	21°	2.5		41°		Harrington Harb'r			1.9		32°	
Maniwaki	69°	18°	1.9		40°		Fame Point	54°	16°	1.9		34°	40
Mont Laurier	65°	18°	0.5		40°		Anticosti S.W. Pt.			1.7		32°	

ATLANTIC PROVINCES

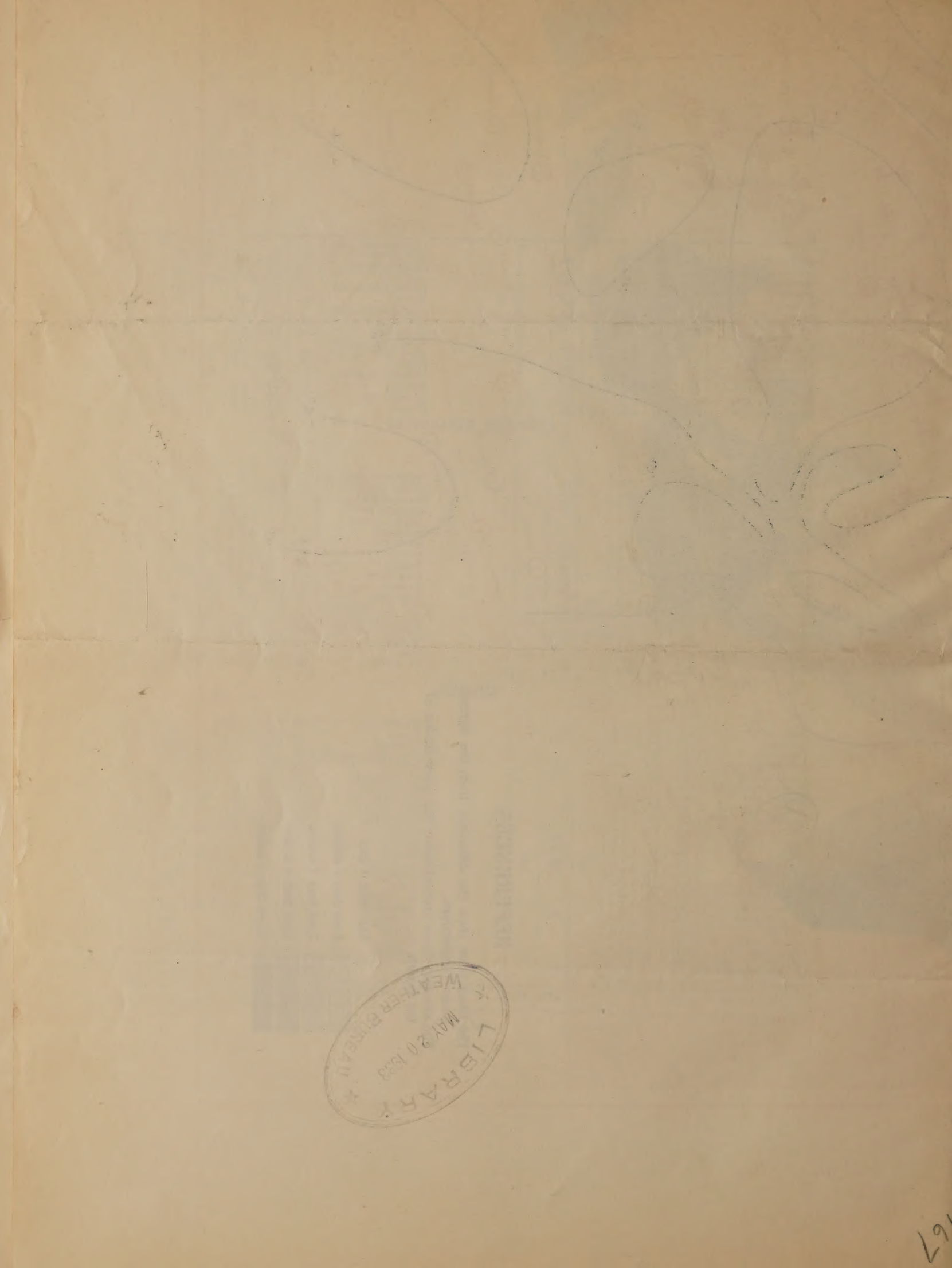
Saint John	57°	25°	5.2	136	40°		Sussex	70°	15°	4.3		41°	
Aroostook	70°	19°	3.8		39°	T	Woodstock	76°	20°	3.8		40°	
Bathurst	62°	12°	3.0		35°		Halifax	65°	20°	3.4		39°	
Chatham	70°	13°	3.5		36°		Annapolis Royal	65°	22°		153		
Chipman	69°	11°	4.7		39°		Digby	63°	19°	2.5		41°	T
Fredericton	70°	20°	4.6	134	40°		Kentville	64°	19°	2.9	139	40°	
Fredericton (Experimental Farm)	70°	19°	4.3	129	40°		(Experimental Farm)						
							Liverpool	67°	18°	5.9		38°	
Gagetown	67°	18°	4.3		41°		Nappan	62°	10°	2.8	135	37°	
Grand Falls	67°	18°	3.9		38°		(Experimental Farm)						
Harvey	73°	17°	1.5		39°		Sydney	63°	19°	2.3		38°	
Moncton	67°	11°	2.5		37°		Upper Stewiacke	69°	18°			40°	
Musquash	60°	25°	1.6		39°		Wolfville	61°	20°	2.8	143	40°	
McAdam Junction	67°	18°	4.5		39°		Charlottetown	57°	18°	1.2		37°	
Richibucto	66°	15°	3.2		36°		Charlottetown (Experimental Farm)	59°	16°	1.6	166	38°	


METEOROLOGICAL SERV
WEATHE
APRIL,
Chart shewing the difference from normal mea
Tanana
Fort Yukon
Herschell I.
Aklavik
Eagle
McPherson
Dawson
Yukon
River
Mayo
Good Hope
Norman
Mackenzie River
Coppermine
Cambridge Bay
Great Bear Lake
Coppermine R.
Great Slave Lake
Hay River
Fort Smith
Height of Land
Chipewyan
Athin
Liard
Simpson
+4°
+2°
-4°
150°
145°
140°
130°
125°
120°
115°
110°
105°
100°
60°
55°

REFERENCES.
The Black lines shew the difference from the normal mean Temperature.
The shading shews approximately the precipitation of the month.
Less than 1 inch
Less than 2 inches
Less than 3 inches
Less than 4 inches
More than 4 inches
+ −
− +
−2°
−4°
−2°
−2°
−2°
−4°
−4°
+ −
+ −
Athabaska Landing
Edmonton
Lac la Ronge
Churchill River
Prince Albert
The Pas
Norway House
Saskatoon
Kamloops
Vancouver
Fraser River
Nelson
Seattle
Tacoma
Spokane
North Yakima
Walla Walla
Lewiston
Portland
Columbia River
Havre
Missoula
Helena
Miles City
Williston
Devils Lake
Bismarck
Moorhead
Billings
Yellowstone Park
Sheridan
Rapid City
Pierre
Huron
Lander
Valentine
Sioux City
Salt Lake City
Cheyenne
North Platte
Omaha
120°
115°
110°
105°
100°
95°

E, DOMINION OF CANADA.
R MAP
33
emperature, and total precipitation of the month.
Ellesmere Island
Ports Inlet
Godhavn
Angmagsalik
Pangnirtung
Godthaab
Julianehaab
Resolution
Port Harrison
90°
85°
80°
75°
70°
65°
60°
55°
50°
45°
40°
35°
60°
55°
−2°
−2°
+2°
+2°
+2°
+ −
+ −
+ −
+ −

−4°
+2°
−
+
+2°
+2°
+2°
+2°
+2°
−2°
+4°
+2°
−+
Port Nelson
Great Slave Lake
Lake Superior
Lake Michigan
Lake Erie
Lake Ontario
Hope
Moose Fort
Rupert River
Abitibi River
Temiscaming
Ottawa River
Lake Nipissing
Georgian Bay
Lake Simcoe
Toronto
Kingston
Rochester
Oswego
Syracuse
Albany
Boston
Concord
Northfield
Portland
Eastport
Houghton
Marquette
Sault Ste. Marie
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Port Huron
Grand Haven
Grand Rapids
Detroit
Madison
Milwaukee
Chicago
Toledo
Cleveland
Erie
Buffalo
Binghampton
Scranton
New York
New Haven
Block I.
Nantucket
Ft. Wayne
La Salle
Pittsburg
Harrisburg
Philadelphia
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°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